FireWizard™

REMOTE CONTROL OPERATING INSTRUCTIONS

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WARNING

Shock Hazard

Can cause severe injury or death.

This device is powered with line voltage.

Do not try to open or repair the control box. There are no internal serviceable parts.

CAUTION

Property Damage Hazard

Excessive heat can cause property damage.

The fireplace can stay ignited for many hours. Take care to turn off the fireplace if it is left unattended by adult people.

Keep remote control out of reach of children.

IMPORTANT!

The transmitter and receiver in this box must be coded together before proceeding to program the remote control in order to function.

Please see the instructions under **"Matching Remote Handset and Control Box ID Code"**, and follow the coding instructions carefully. Failure to code these together will result in malfunction of the remote control device.

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Matching Remote Handset and Control Box ID Code

The Remote Control Handset has a set of unique ID codes that is pre-programmed into its memory. This set of ID codes helps to differentiate one Remote Control Handset from another so that only the control box with a matching ID code will respond to the appropriate Remote Control Handset.

To ensure the remote control is matched to the receiver correctly, please follow the steps below:

1. Ensure that the Remote Control and the 3-way switch located at the appliance are both in the OFF position.
2. Ensure that the pilot is lit and the pilot control knob is in the ON position on the appliance.
3. Install the 2 x AAA alkaline batteries into the Remote Control.
4. Unplug and re-plug the power cord. The power cord is located on the left hand side of the appliance and will be plugged into the receptacle.
5. Switch the 3-way switch located on the appliance to the REMOTE position.
6. Press and hold the ***PROG*** and ***FAN*** buttons simultaneously for up to 20 seconds. During this time, the remote will display LC while it is transmitting codes to the receiver. Once it is successfully transmitted, one will hear the solenoid click and the burners will come on. If is does not work the first time, repeat steps 1 - 6.
7. Release both the ***PROG*** and ***FAN*** buttons. The remote will revert back to normal, but the burner will still be on.
8. Press the ON/OFF button on the remote control 2 times to turn the burner off.
9. The remote control is now programmed to the receiver and the appliance can now be operated with it.

The control box will only learn the Remote ID codes during the first 30 seconds after power is applied and will ignore this special command from the Remote after the first 30 seconds.

NOTE: This must only be performed by a qualified installer.

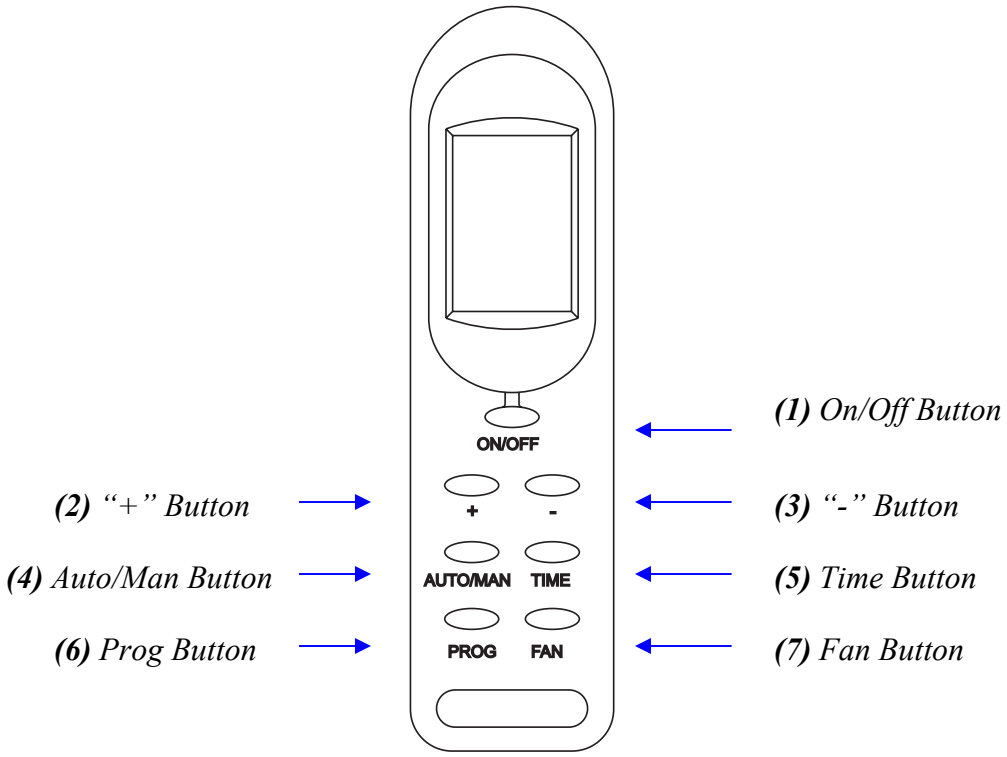
The FireWizard™ Remote Control was developed to provide a user-friendly system to operate your appliance. The operating range is approximately 10 metres (32 feet).

A **Quick Reference Sticker** is available to be placed on the back of your remote control handset. Place the sticker close to the very top of the remote, away from the battery opening and wall mounting bracket.

REMOTE CONTROL KEYPAD

There are 7 push buttons on the Remote Control:

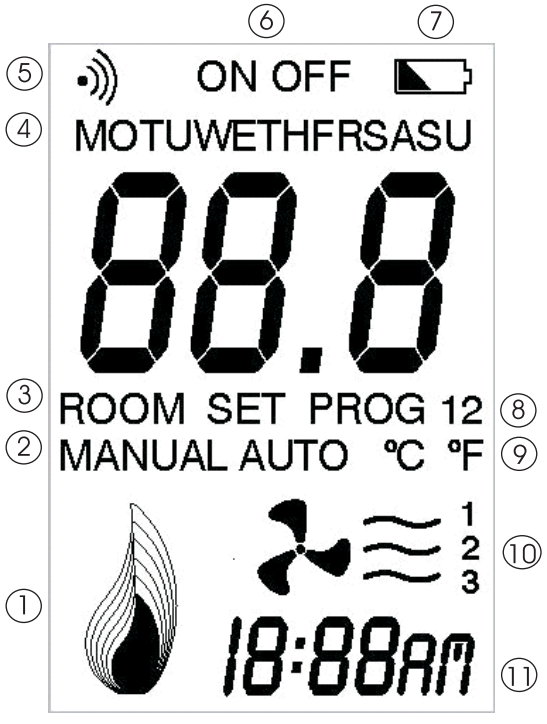
(1) ***ON/OFF*** Button: Switches the Remote & Control Box ON or OFF;
(2) **"+"** Button: This is the *INCREMENT* or *HOUR* button;
(3) **"-"** Button: This is the *DECREMENT* or *MINUTE* button;
(4) ***AUTO/MAN*** Button: Toggles between *Manual*, *Auto* and *Program* mode;
(5) ***TIME*** Button: Initiates the setting of the *Time and Day*;
(6) ***PROG*** Button: Initiates the programming of Auto mode;
(7) ***FAN*** Button: Changes the speed of the fan;



REMOTE CONTROL SCREEN DISPLAY (LCD)

The LCD provides the following display features:

1. Flame Height Indication;
2. Manual & Auto Mode Indication - “MANUAL” / “AUTO”;
3. “ROOM” or “SET” Temperature Indicator;
4. Day of the Week;
5. Transmit Indicator “ ” ;
6. System Status Indicator “ON” or “OFF”;
7. Battery Low Indicator “ ”
8. Programmed Mode Indication “PROG 1” / “PROG 2”;
9. Temperature Display in “ºC” or “ºF”;
10. Fan Speed Indication;
11. Time of Day with AM, PM;



BASIC FUNCTIONS
OF THE REMOTE CONTROL

For the remote to function it must be turned ON. However when the remote is OFF, the LCD continues to display the current day, time and room temperature.

Switching the Remote ON & OFF

The ***On/Off*** button is used to switch the Remote ON or OFF.

If the Remote is switched OFF, pressing and releasing the ***On/Off*** button will switch ON the Remote (and the FireWizard™ Control Box). Once switched ON, the Remote will continue with its last selected operating mode, for example, *Manual*, *Auto* or *Program* mode.

Setting Time & Day

Note: The remote control needs to be "ON" in order to set the Time & Day.

Time

Press and hold the "TIME" button for 2 seconds and then use the "+" button to set the hour and use the "-" button to set the minute.

Day

Immediately after setting the time, press the "TIME" button again and use the "+" or "-" button to set the day.

Press the "TIME" button once more to record the setting.

Manual & Auto Mode

Press the "Auto/Man" button to toggle from Auto, Manual & Program mode. See "Setting the Program Mode" for details on Program Mode.

Manual

In Manual Mode using the "+" or "-" button allows you to adjust the flame height accordingly. There are seven different levels of flame settings.

Use the "Fan" button to adjust the fan speed. There are 3 different fan speed settings.

Auto

In Auto Mode using the "+" or "-" button allows you to change the Set Temperature.

Use the "Fan" button to adjust the fan speed. There are 3 different fan speed settings.

Displaying Temperature in Celsius or Fahrenheit

The default setting of the Remote is to display the temperature in Celsius.

However, the Remote can be changed to display temperature in Fahrenheit by the following steps:

1. Ensure the Remote is switched off by using the ***On/Off*** button.
2. Press and hold the "**-**" button.
3. While the "**-**" button is held down, press and release the "+" button, this will toggle the temperature display between °C and °F.

This setting is stored in memory hence the Remote will continue to display the temperature in Fahrenheit even if the battery is replaced.

MANUAL MODE

Manual mode can be selected by pressing and releasing the ***AUTO/MAN*** button until the symbol "MANUAL" is shown on the LCD.

In *Manual* mode, the Fan speed and Flame settings can be adjusted independently using the Remote.

FAN Speed Adjustment

The ***FAN*** button is used to switch on and change the selected fan speed.

If the Fan is off, pressing and releasing the ***FAN*** button once will turn the fan on at High speed for 4 seconds and then to Low speed.

Pressing and releasing the ***FAN*** button again will change the speed to Medium.

Pressing and releasing the ***FAN*** button again will change the speed to High.

Pressing and releasing the ***FAN*** button again will switch the Fan OFF.

The display on the LCD will be as follows:

Fan on Low Speed

Fan on Medium Speed

Fan on High Speed

Fan = OFF

Flame Height Adjustment

There are seven levels of flame settings that can be selected manually using the "+" and "**-**" button.

Pressing and releasing the "+" button once will increase the flame to a higher setting. Continuously holding down the "+" button will increase the flame gradually until it has reached the highest setting.

Conversely pressing and releasing the "**-**" button once will decrease the flame to a lower setting.

Examples of the display on the LCD are as follows:

Flame Setting = 1

Flame Setting = 3

Flame Setting = 7

When the unit is turned on, the flame height is set to Hi for 20 seconds by default. After 20 seconds, the flame will revert to the setting prior to being turned off.

When the flame setting is at the lowest level (1), the flame indicator will blink on the handset, the rear burner will turn off, and the front burner will default to the highest setting. If the "+" button is pressed, the rear burner will turn on and the flame can continue to be increased.

AUTO MODE

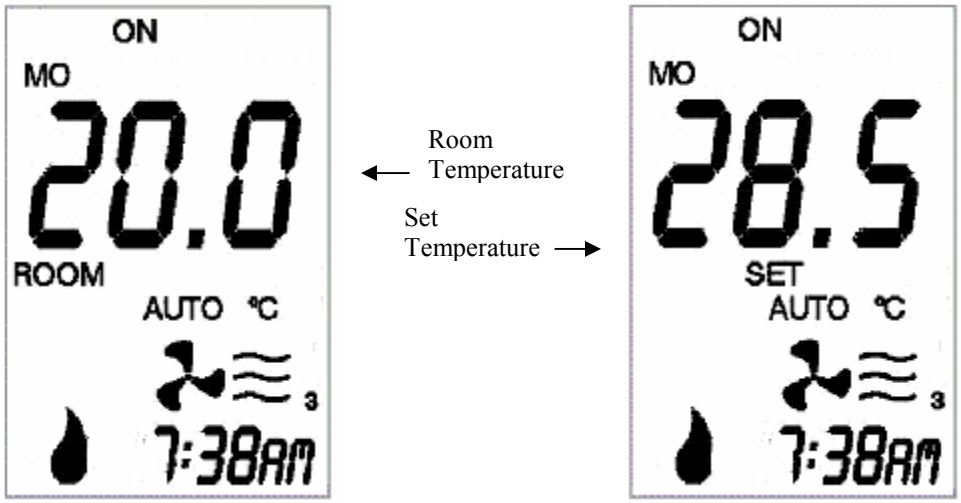
In Auto Mode the remote will adjust the flame setting and fan speed according to the temperature difference between the Set Temperature and the Room Temperature.

> *When the set temperature is higher than the room temperature by more than 2.5°C (4.5°F), the flame will be at the highest setting (7) and the fan speed will default to the lowest setting (1).*
>
> *As the set temperature approaches room temperature, the flame level will reduce accordingly. When the set temperature is equal to the room temperature, the flame will stay at the lowest setting, and the fan will turn off.*
>
> *Once the room temperature is higher than the set temperature by 2°C (3.6°F), the flame will turn OFF.*

Auto mode can be selected by pressing and releasing the ***AUTO***/***MAN*** button until the symbol "AUTO" is shown on the LCD.

In *Auto* mode, when either the "+" or "**-**" button is pressed, the Set Temperature will be displayed on the LCD instead of the Room Temperature. The Set Temperature will remain displayed on the LCD for 5 seconds after the button is released and then the display will revert to show the Room Temperature. The Set Temperature can be adjusted while it is displayed using the "+" and "-" buttons.

The LCD will show the following when either the "+" or "**-**" button is pressed:



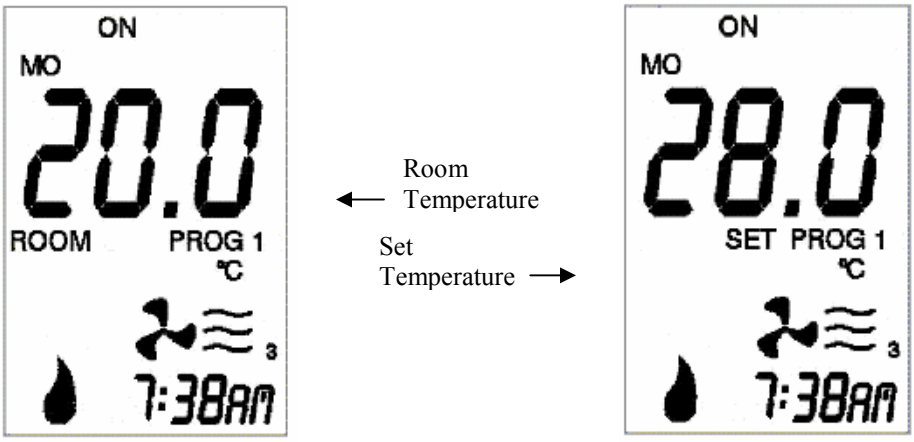
Auto Mode normal display

When "+" or "**-**" button is pressed

PROGRAM MODE

Program mode is selected by pressing and releasing the ***AUTO/MAN*** button until the symbol "PROG" is shown on the LCD. The Remote will operate according to the settings in the 2 Programs set by the user. Refer to *Setting the Program Mode* for details.

Pressing and releasing the "+" or "**-**" button in this mode will cause the temperature displayed on the LCD to change from showing the Room Temperature to show the Set Temperature. The Set Temperature will remain displayed on the LCD for 5 seconds after the button is released and then the display will revert to show the Room Temperature.

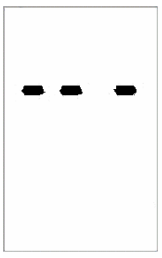


Program 1 mode
normal display

When "+" or "**-**"
button is pressed

Pressing and releasing the ***PROGRAM*** button successively will allow the user to review the programmed times for each day of the week.

If the Programs have not been programmed in the Remote, the display will show the following:



Programs have not been set.

SETTING THE PROGRAM MODE

It is recommended to unplug the unit while setting the programs.

In this mode, the user can program two On-Times and two Off-Times as well as the Temperature settings for each day of the week. The ***PROG*** button is used to initiate the programming mode. The "+" and "-" buttons are used to adjust the time and temperature settings.

Note: The remote needs to be ON in order to set the Programs.

Follow the steps below to set the programs:

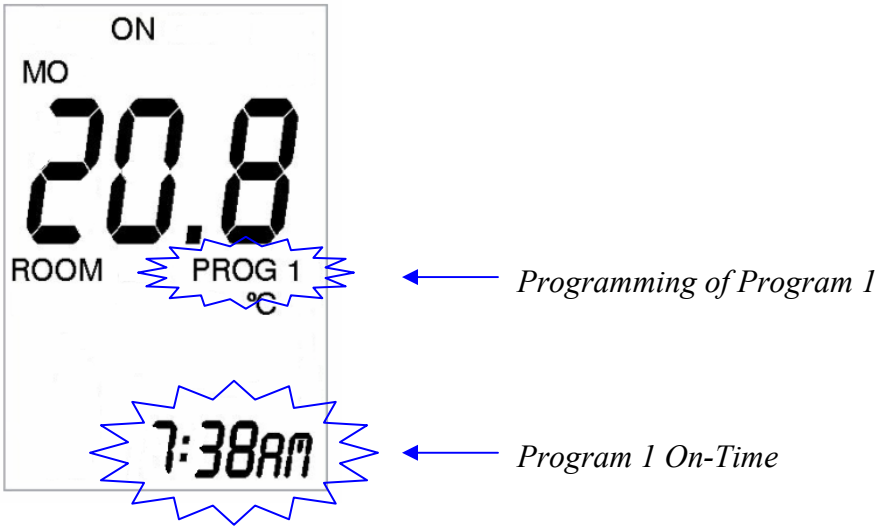
1) Programming the On-Time of Program 1

Press and hold the ***PROG*** button for 2 seconds or more to initiate the Programming mode.

The symbol "PROG 1" will flash to indicate the Remote is in Programming mode.

The On-Time for Program 1 will also flash. The "+" and "-" buttons can be used to adjust this time setting.

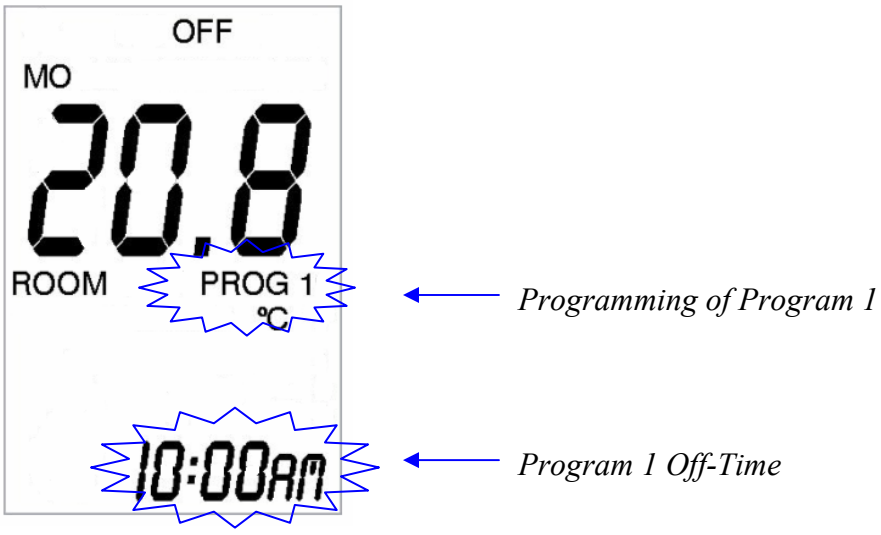
The LCD will show the current setting in Program 1 for Monday:



2) Programming the Off-Time of Program 1

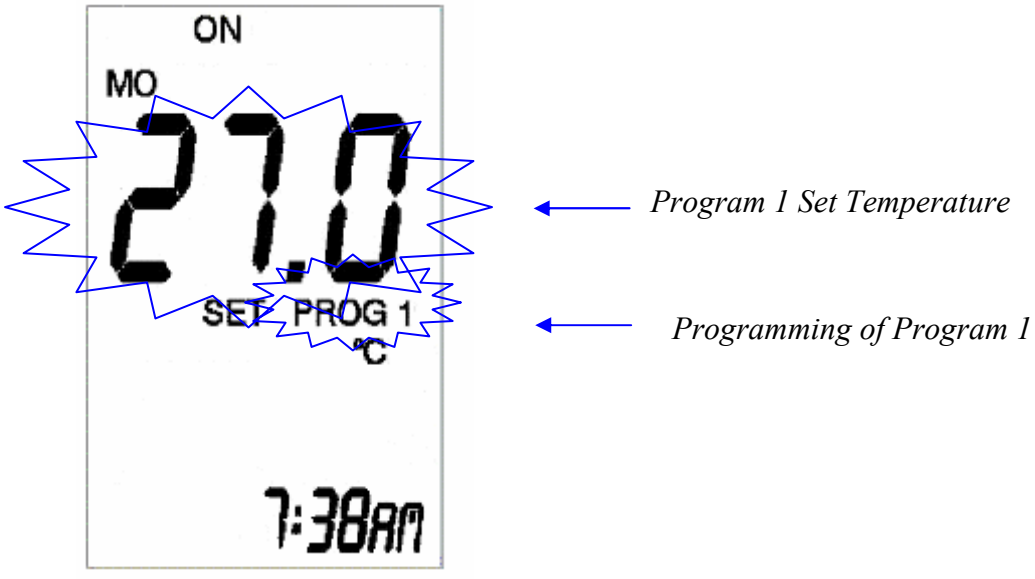
Press and release the ***PROG*** button again to program the Off-Time for Program 1. Use the "+" and "**-**" buttons to adjust this time setting.

The LCD will show the following:



3) Programming the Set Temperature for the On-Time of Program 1

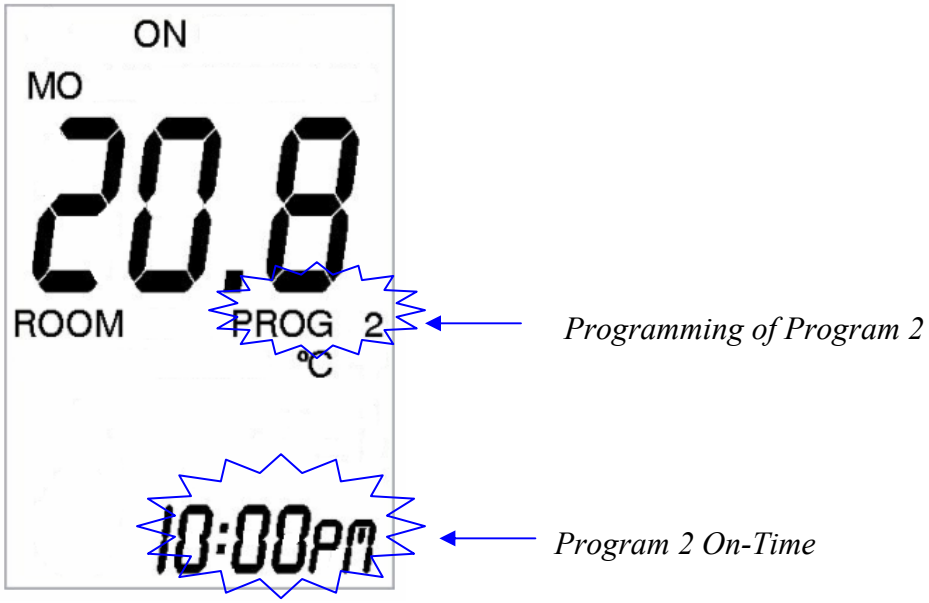
Press and release the ***PROG*** button again to program the Set Temperature. Use the "+" and "**-**" buttons to adjust the temperature setting.



4) Programming the On-Time of Program 2

Press and release the ***PROG*** button again to program the On-Time of Program 2. Use the "+" and "**-**" buttons to adjust this time setting.

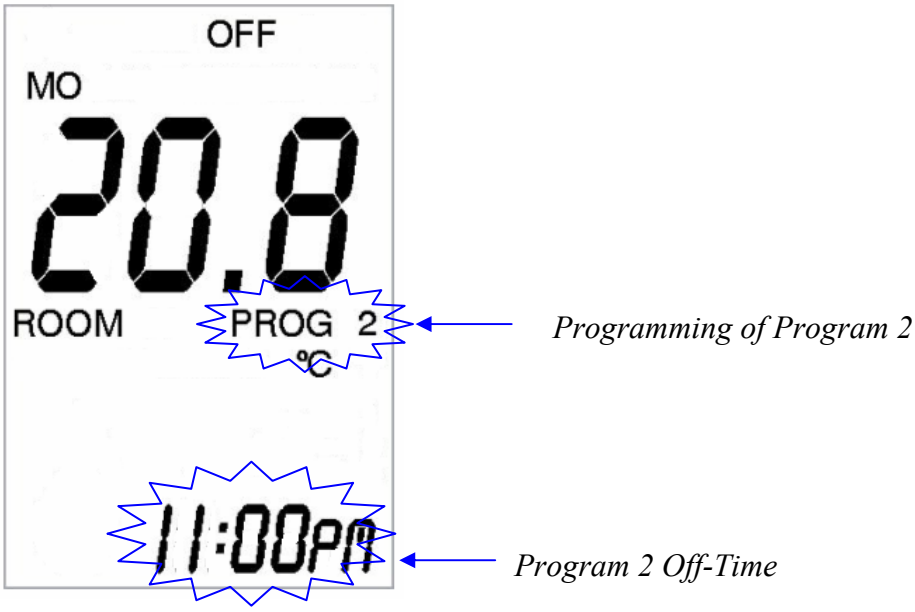
The LCD will show the following:



5) Programming the Off-Time of Program 2

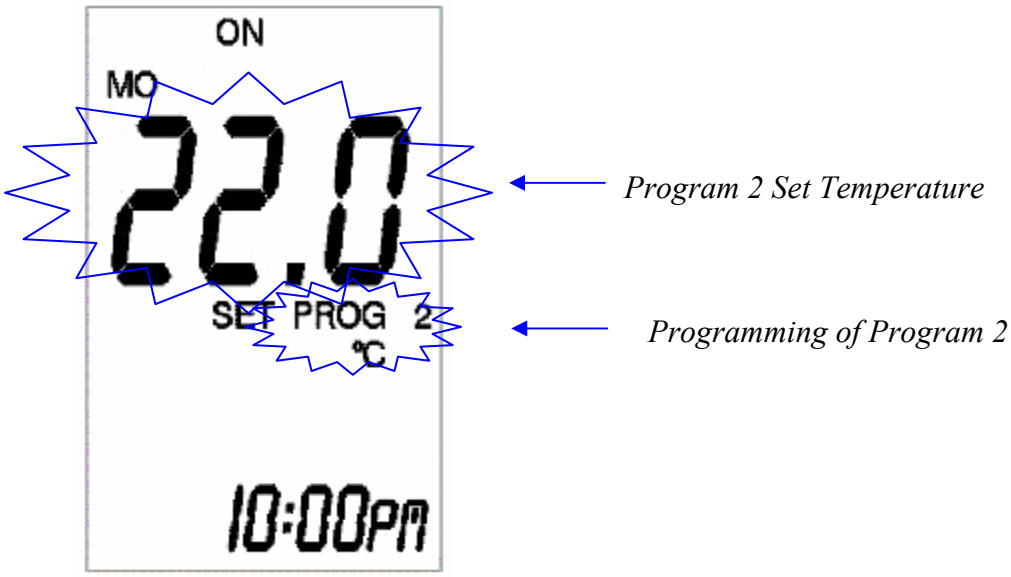
Press and release the ***PROG*** button again to program the Off-Time of Program 2. Use the "+" and "**-**" buttons to adjust this time setting.

The LCD will show the following:



6) Programming the Set Temperature for the On-Time of Program 2

Press and release the ***PROG*** button one more time to program the Set Temperature of Program 2. Use the "+" and "-" buttons to adjust the temperature setting.

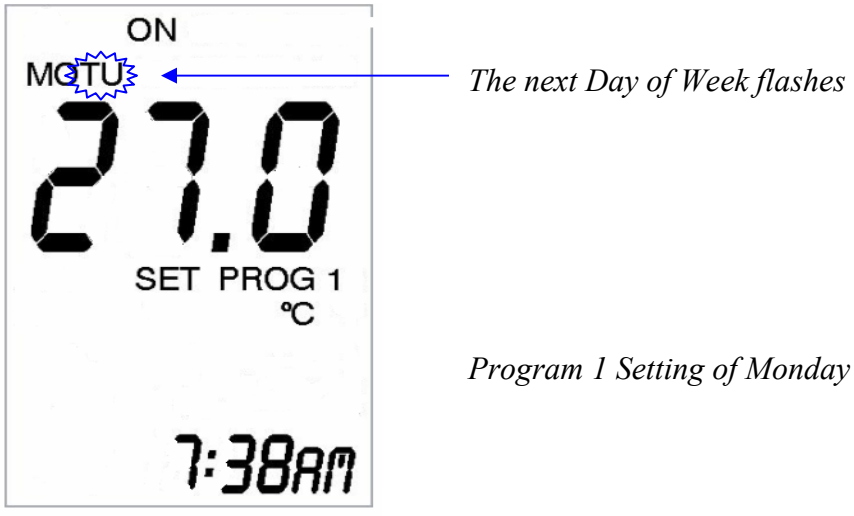


7a) Programming the Rest of the Week

Repeat steps 2 to 6 until all 7 days have been programmed.

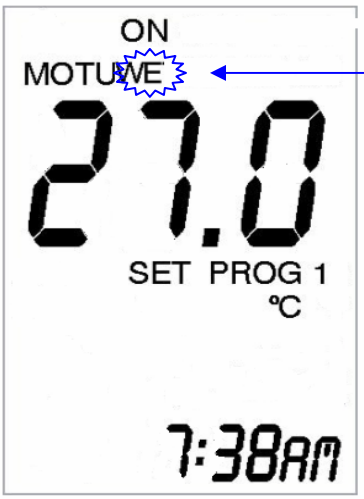
7b) Alternatively, Copy Programs Over to the Other Days

Pressing and holding the ***PROG*** button for 2 seconds or longer will initiate the copying process.



Pressing and releasing the "+" button will select the Day(s) of which the program is to copy to.

Pressing and releasing the "**-**" button will confirm the copying process in which the original program will copy across to the selected day(s).



The next Day of Week flashes

Program 1 Setting of Monday and Tuesday

After the program is copied, the selected days will remain lit and the following day will start to flash.

Press and release the ***PROG*** button to return to normal programming mode.

8) Exiting Programming Mode

The Remote will automatically exit the Programming mode 20 seconds after the last button is released.

INTERFACING WITH MANUAL CONTROL

When the unit is turned ON using the Remote Control and is later switched OFF from the Manual Control Panel, the LCD on the Remote Control will still display as being ON even though the unit is actually OFF. To have the unit function from the Remote Control again you must press the ON/OFF button twice -- once to turn the remote OFF and then again to turn the unit ON from the remote.

When the unit is turned ON from the Manual Control Panel, the LCD on the Remote Control will display as being OFF even though the unit is actually ON. To have the unit function from the Remote Control you will need to press the ON/OFF button once to turn ON the remote.

TROUBLESHOOTING / BATTERY REPLACEMENT

If the remote control does not turn on:

- Ensure the batteries are correctly installed in the receiver.
- Check the batteries for replacement (2 x AAA alkaline).

When batteries are replaced, only the current time and day will need to be reset. The set program times are not affected.

Special Conditions in Program Mode

- If the On-Time of a Program matches the Off-Time of the same Program, the Program is disabled.
- If the Off-Time of the first Program crosses over to the On-Time of the second Program, the Off-Time of the first Program will have precedent, for example, if Program 1 is programmed to end at 2:00 pm whereas Program 2 is programmed to commence at 1:00 pm, the following will occur:

Program 1	
On-Time	Off-Time
8:00 am	2:00 pm

	1:00 pm	4:00 pm
	On-Time	Off-Time
	Program 2	

Operates under Program 1 Setting	Operates under Program 2 Setting

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